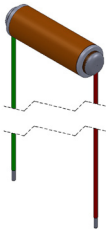


Description

Inductive pick-up coil for use in hearing instruments.

Features

- Highly durable coating
- Small size
- High sensitivity



Electrical data

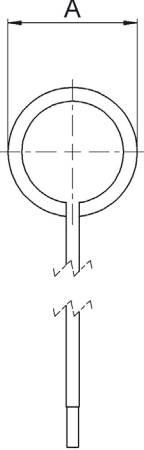
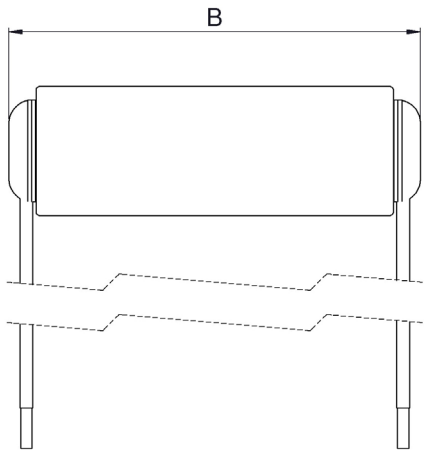
Measuring conditions: Temperature 23°C (73.4F) ± 5°C (64.4F-82.4F)

Parameters	Min	Typ	Max	Unit	Comments
DC resistance	4950	5500	6050	Ohm	
Inductance @ 1 kHz	633	745	857	mH	
O.C. 1 kHz sensitivity	-55.5	-54	-52.5	dBV/A/m	
10 kOhm load 1 kHz sensitivity	-56.4	-54.9	-53.4	dBV/A/m	
Resonance frequency	80			kHz	
Winding sense	North positive				

Lead wires

Start lead description: Green, 51mm, #34 AWG (Ø 0.160mm), solid Cu with PU coating, 0.7mm Ag plated
Finish lead description: Red, 51mm, #34 AWG (Ø 0.160mm), solid Cu with PU coating, 0.7mm Ag plated
Lead wire length measured from edge flange

Product drawing - Dimensions in mm [inch]



Mechanical data

Dimensions	in mm	in inch
Dimension A min.	1.97	0.078
Dimension A typ.	2.1	0.083
Dimension A max.	2.4	0.094
Dimension B min.	5.2	0.205
Dimension B typ.	5.4	0.213
Dimension B max.	5.56	0.219

Sonion reserves the right to make changes at any time to improve reliability, function or design, in order to provide the best product possible.